

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: 110v versus 125vac
Message-ID: <UPMAIL03.199601072356370219@msn.com>

Some where along the line I missed something using variacs, etc. Has the power companies really changed that much since the late 50's and if so why did they. I can go out and measure my line voltage with a DVM and then again with an analog meter and probably get a small difference. I am really curious about what effect this may have on my small collection of boats, (to date no effect). I can understand a 1 Volt increase that might shorten tube filament life but is it really necessary to get the darn filaments to perk at 6.3 vac.

Always Curious
Al Fritsche
fritsche@msn.com
attmail!fritsche

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: 4 ohm speakers
Message-ID: <UPMAIL03.199601072356400244@msn.com>

For those that don't know, you can still get a 4 Ohm car speaker at Rat Shack.

Al Fritsche
fritsche@msn.com
attmail!fritsche

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: Administritivia: Wanted/For Sale posts...
Message-ID: <9601070916.aa28193@jackatak.theporch.com>

Good Morning, Gang:

In recent days there have been several posts with FOR SALE items or a list of WANTED that include, often with a comment like "<gasp>" that have solid state items included.

I am not picking nits here, even though it may feel that way, but these posts would most likely attract more attention and better response in other venues, particularly the vintage solid state list, or on rec.radio.swap

We gather here because we enjoy the focus on radios with firebottles inside... tube technology... and the period and times of those wondrous rigs.

The list can certainly survive a few posts like this, but they begin to erode the very fabric of the list, and I would like to ask that before anyone posts such an item, *unless* it is a fairly well-defined and commonly accepted rig, such as the cross-over Hammarlund receiver, that these items be advertised elsewhere, and not on the BoatAnchors list.

This list is marvelous, and has a sense of community and even of family that is unique on the InterNet. It is natural to turn to friends like this with questions, and it is equally natural (and logical) to expect that among this group there is someone who can answer most any question.

The boundaries of the list are not rigid, and "breathe" to accommodate discussions of DC/RMS measurement techniques and telegraphy at shore stations and on the sea...

However, I think it would be best all around if the FOR SALE and WANTEDS do not include solid-state rigs, with the "gray-area" radios excepted.

I have written personally to each of those who have added silicon technology in their submissions, and write this to the list as a whole ONLY because I am tired of writing to everyone and now fear I may have to start a dialogue with each of the 850 subscribers on the list! I just can't manage a task that large!

So, please help out... if anything in your post rates a "<gasp>" or anything like that, it might be better if you just didn't include that in the submission, or if you offered the items elsewhere...

Thanks in advance for your cooperation and help.

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebotl@jackatak.theporch.com ---- listown@jackatak.theporch.com

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Aircraft Endorsement
Message-ID: <62867.ddillman@igc.apc.org>

Jim's posts about KFS and about the 35 w.p.m. requirement for Soviet ops put me in mind of a story about the aircraft endorsement for the US radiotelegraph ticket.

A friend and fellow radio officer was ready, having gotten his 6 month endorsement, to upgrade to a 1st class radiotelegraph ticket. As we spoke of his impending trip to the FCC for the exam (then on Battery Street in San Francisco) I insisted that he take the exam for the aircraft Morse endorsement as well. He agreed.

The endorsement dates from the time when communications with air traffic control by airliners was by Morse. My reading indicates that this continued until just after WWII (can anyone confirm?). Hard to believe, but that's how they did it. Now *there* were some sharp ops.

When turning in his application form at the FCC the clerk handed it back saying "heh-heh... you seem to have checked the box for the aircraft endorsement by mistake." "No," he said, "I'm here to take the aircraft endorsement exam."

Well... After much raising of eyebrows and running around a dusty tome was finally discovered in a closet behind the mops with the appropriate exam. After blowing away years of collected dust, the great book was opened and the exam administered. My friend aced it, of course, being prepared for such questions as "What is the Q signal for 'When will you land or alight?'."

I figure he's got pretty much the ultimate ticket now. I mean, how many guys are going to beat a First Class Radiotelegraph with Aircraft Endorsement... an with what?

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996

From: jlb@earthlink.net
Subject: Analog multiplier
Message-ID: <199601070625.WAA07042@iceland.it.earthlink.net>

I am trying to phase 9ea, 1/4 verticals and someone recommended that I use a "4 quadrature analog multiplier." Also known as a double balance mixer. Does anyone know of a piece of BA test equipment that might fill the bill here? Did HP ever make one of these?

Joe AA6WG

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Adams <dave@flowserver.stem.com>
Subject: Atwater-Kent Model 725
Message-ID: <9601072157.AA06306@flowserver.stem.com>

Greetings! I just picked up an AK 725 at the livermore fest. Presumably this is in the wrong case (can anyone provide a description of the proper case?), but it's a good job, so I don't really care. Can anyone provide me with a manual or schematics?

Dave

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Andy Wallace <wallace@mc.com>
Subject: BA sighting: REVENGE OF THE ZOMBIES
Message-ID: <9601080223.AA09932@kali>

Post-WWII movie, pretty awful. TNT ran it last month and I finally got around to watching the tape.

In the "laboratory" closet, the hero finds the Nazi radio station. It consists of a Hallicrafters SX-23 (I want one!) and an SX-25 on top of that, with a Hallicrafters speaker on the shelf above. The hero talks into the SX-25.

--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Andy Wallace <wallace@mc.com>
Subject: BAs ahoy on 40m
Message-ID: <9601080234.AA09948@kali>

It's been an active weekend. I had the Drake 2-C/2-NT station on various times over the weekend and contacted several tubers. HW-100, Swan 700CX, and last night I worked a Knight T-60. He was drifting as he went into transmit so I knew it was tubish!

Joy!
--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: don merz <71333.144@compuserve.com>
Subject: BC-348 FS
Message-ID: <960107145711_71333.144_DHB33-1@CompuServe.COM>

Robert Paters, KK5FJ, has a BC-348 FS w/AC supply for \$100 if anyone is interested. I do not know him and have not seen the radio so caveat emptor.
FYI.

BTW, that should be "Peters" not "Paters." He is at 102007.1261@compuserve.com.

--

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: stever@cybercomm.net (Stephan Rashkin)
Subject: BC454E
Message-ID: <199601070733.CAA04700@raven.cybercomm.net>

Well I received my shiny "New In the Box" BC454E from Carl Seig yesterday and figured I had the patience to slowly build a supply that would take care of another rx (BC455) and also 2 Command Xmtrs..Well I stared at the lil 454 till the thing grabbed me by the neck and made me hook it up with clip leads and stick together a make shift power supply..(Thanks to the socket pin outs that Ray Mote provided on the rx)..Well there's good news then bad news, then good news again..The lil 454 took right off and I SWL'ed around for about half an hour..then all of a sudden nothing.. I only heard some low broadcast stuff that could not be tuned...Hmmm? 1415khz the IF freq..well checked the RF amp (just able to check emission here) and was fine..all tubes were fine..I then proceeded to pull covers off and sniff and search and look for telltale capacitor before the 12K8..well when I noticed the Grid cap lead very flexible going into the tuning capacitor compartment I looked a little closer and the wire & cap just came out of it's feed-thru..

It was never soldered in the first place!..Not a spec of solder..no red paint nothing..well I soldered it and it's been playing for the last 5 hours..clip leads-a-hanging..from front draw and dynamotor connector..Anyway if I send a bill to the War Department do you think I'll get paid for warranty work ? Is it ok for me to put red paint on new connection or do I have to send it to depot?

Steve, WA2NHZ

ps....Ray, I'm running the Filaments on 28 volts AC and no noticable hum in 600 ohm headphones..

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: stever@cybercomm.net (Stephan Rashkin)
Subject: BC454E
Message-ID: <199601070838.DAA06244@raven.cybercomm.net>

>Well I received my shiny "New In the Box" BC454E from Carl
>Seig yesterday and figured I had the patience to slowly build

Oppps!!! Sorry Chris..I meant Chris Seig..I have a friend in Virginia also with last name Seig..Anyway I received my new BC454E from Chris Seig..

Steve, WA2NHZ

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: Re: BOATANCHORS digest 406
Message-ID: <960107165457_72227.1640_EHM130-9@CompuServe.COM>

I didn't receive BA 406, Jack. Can you send it?
Thanks, Dave AB5S/7

Darn! I forget to send this to Jack and not the list!
I would have corrected the address, but I'd already sent it!
honest....
heh heh
ds

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: Collins MBF cases and stuff.
Message-ID: <960107172526_72227.1640_EHM103-2@CompuServe.COM>

What the heck is a Collins MBF?
Found a couple of Collins MBF WW-II vintage cabinets and meters and such
at the Vegas swap yesterday. If anyone needs MBF parts, let me know.
Dave Stinson AB5S/7
72227.1640@compuserve.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: JimP911@aol.com
Subject: Re: Contact Cleaner Recommendation? / Lithium Grease Source?
Message-ID: <960107205656_85614638@mail02.mail.aol.com>

White Lithium grease is available at any auto parts store. It is usually
sold in tube form and is very inexpensive.

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: CW Op talk
Message-ID: <9601062349.AA10042@rgfn.epcc.Edu>

Jim, Just a word to let you know I, for one, have enjoyed the talk
results you have given here on the list. For the info of the list
Tracy, WB6TMY, CHop at KPH is running the vintage CW net on 14.050
on Saturdays at 2100 UTC. He runs the normal boats - depending on
location - Valiant/75s1 combo or Globe Chief/linear, SX42 from
home. He also operates from the work location with a remote
controlled 30K/SP600 combo on 10.121. Quite a few of the
fellows do drop by from time to time. Thanks again for
passing along the comments. Ray, W5XE, SOWP 1064M.

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: Walt Novinger <waltn@hooked.net>
Subject: Dial lens to borrow?

Message-ID: <30EF4E70.5437@hooked.net>

Thru a remarkable set of circumstances, we have acquired a nearly mint Scott SLR-H receiver; the only major blemish is a warped and yellowed dial lens. The lens is made of plastic, and can be easily duplicated by Doyle Roberts _if_ a good sample is available...thus this note.

If any of our fellow BA'ers have an SLR-H with a flat (ie., non-warped) lens, we would like to borrow it to send to Doyle to have a pattern made. In return, we will have Doyle make two, and give the loaner one for the use of the lens. Alternatively, you could send the lens to Doyle, have two made, and we'll pay for them in return for one (this would save one mailing).

We have had lenses made by Doyle in the past, and recommend his work wholeheartedly. The new lenses look like new, and he charges only \$14 to make the mold and produce the first lens...subsequent lenses cost a couple of bucks less.

Thanks in advance...we hope someone can help make our windfall more nearly perfect.

Walt

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996

From: wb6zwc@ns.net

Subject: Re: Dial lens to borrow?

Message-ID: <199601071940.LAA27919@eagle.ns.net>

At 10:43 PM 1/6/96 -0600, you wrote:

> The lens is made of plastic, and can be easily duplicated by
> Doyle Roberts _if_ a good sample is available...thus this note.

>

>

> Thanks in advance...we hope someone can help make our windfall more
> nearly perfect.

>

> Walt

>

Say Walt; any chance of getting the "Doyle Roberts" address?

Richard

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996

From: dgf@netcom.com (David Feldman)
Subject: Drake info file - now in BA archives
Message-ID: <199601072327.PAA12058@netcom6.netcom.com>

The Drake info file I posted about a couple of days ago should by now be in the boatanchors archives (thru the list administrator). I've fulfilled a few dozen requests, and have a few more to fulfill for copies, and if anyone still needs a copy directly I'd be glad to serve, however, I'd like future requests to be made of the archives if at all possible.

It is not feasible to post the file directly to the list because it's about 70K bytes, and would be too expensive overall for the list to propagate and for people (those that pay by usage) to receive if not wanted.

73 Dave WB0GAZ dgf@netcom.com

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: East Coast marine CW's
Message-ID: <G16K0020.G16K0032@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Hello Dick.

Do you (or anybody else here) know if W00 (IT&T's "Ocean Gate Radio" in New Jersey) still uses CW, or has it too gone all SITOR?

Mr. T.

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: East Coast marine CW's
Message-ID: <Pine.ULT.3.91.960107120842.12357B-1000000@admin.aurora.edu>

On Sat, 6 Jan 1996 TOM.A.ADAMS@mail.admin.wisc.edu wrote:

> Do you (or anybody else here) know if W00 (IT&T's "Ocean Gate Radio" in New

> Jersey) still uses CW, or has it too gone all SITOR?

>

>

Mr. T.

>

I don't know if they still use CW or not, but have you tuned them in on one of their SSB channels lately? It is a hoot! Synthesized voice generator with an "accent" and pauses in strange places.

Bob, K9EUI

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996

From: lkayser@WorldLink.ca (Larry Kayser)

Subject: Electric Radio Magazine

Message-ID: <9601080437.AA08427@beacon.WorldLink.ca>

Recent message from Garey Barrell, K40AH" <75025.73@compuserve.com> concerning an issue of "Electric Radio" magazine. I have never seen this magazine, could someone tell me more about it, is there an online index of articles it has carried in the past?

Larry va3lk / wa3zia

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996

From: sully@cetbbs.com (Sully)

Subject: fil. voltage

Message-ID: <8209788863801@bbs.cetbbs.com>

Hello All, a lot of talk has been going around on the bad effects of higher than normal or rated filament voltage. While reading and trying to follow all the parts of the different threads a thought occurs. wouldn't it be a simple matter to use a variac to control the input voltage to what seems to be a single, in most cases, or a select few pieces of gear. If your bothered with a line voltage that varies drastically from the norm (110) being able to come up with that as an input voltage would seem to be an easy way out. If I'm missing something here I'm sorry.

Mike "Sully" Sullivan - - N0QFV - - sully@cetbbs.com

Olympic Memorabilia Collector - - Stamp Collector

- - RVN 1-71 to 12-71 1st Air Cav - -

___ Blue Wave/QWK v2.20 [NR]

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Re: fil. voltage
Message-ID: <Pine.3.89.9601070713.B6428-01000000@unixs3.cis.pitt.edu>

Just checked my filament voltage on the Collins 30S-1 and, you guessed it, the voltage was at least .5 volts higher. Readjusted the voltage with a digital voltmeter.

Dave, W3BJZ

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Dean Norris <dnorris@k7no.com>
Subject: For Sale- Xtals etc
Message-ID: <9601072250.AA00988@ssi>

For Sale

Crystal	200 KC FT241-A	West. Elec	Sig Corp.
Crystal	100 KC Type AR21W	3-Pin w/	Socket
Crystals FT243	FREQ	CHANNEL	
	8325	376	
	6433.33	23	
	6773.33	32	
2 count	5925	280	
	6340	19	
	8240	76	
	7573.333	56	
	6940	37	
3 count	8306.667	78	
	4490		
	6206 667	15	
	6425	300	
	5940	7	
	4300		
	8273.333	77	
	7640	58	

Tube Shield EBY # TS103U02
Tube 6AU8 Sylvania
5T8
6CG7
6HB7

Nixie 8422(B5991) ?

Make offer on all or part.

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: john.vercellino@n9csa.com (John Vercellino)
Subject: FS/T Shure 51 dynamic mike for D104?
Message-ID: <9601071546062596@n9csa.com>

I have a Shure 51 Dynamic Microphone for sale or (preferably) trade. It is in very good shape cosmetically and electrically, and I'd be happy to set up a sked so you can hear it. The microphone itself is chrome, and the base is gray crackle finish. The only thing missing is the little Shure decal on the base. Everything else is intact.

Here's the kind of stuff I'm looking for: A D104 microphone, an EV 727 microphone, a crystal element for a Turner 254, Allied Radio Catalogs from the 50s, 60s, and 70s, Knight-kit manuals, and Knight-kits.

You can reach me at john.vercellino@n9csa.com
73, John WB90VV

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: "Roy C. Pollitt" <76161.2377@compuserve.com>
Subject: FS: MISC ELECTRONICS BOOKS
Message-ID: <960107003541_76161.2377_GHM55-1@CompuServe.COM>

CLEANING SHACK!

**** FOR SALE ****

Roy C. Pollitt KD4HC
76161.2377@CompuServe.com
PO Box 1200
Millsboro DE 19966-5200

The following miscellaneous electronics magazines and books are for sale. Will sell only as a complete lot.

Horzepa, Stan Your Gateway to Packet Radio

Published by ARRL, First Edition, Second Printing, 1988.

McMahon, Morgan E. A Flick of the Switch 1930-1950
Published by Vintage Radio.
First Edition, Fourth Printing, Feb 1987.

Perdue, Terry Heath Nostalgia
Published by Author, 1992.
Book about the Heath Company.

Grubbs, Jim Digital Communications with Amateur Radio
Published by Master Publishing, Inc. 1988
Radio Shack Book No. 62-1332

ALL OF THE ABOVE \$ 20.00 including shipping.

E-mail your acceptance and mailing address.
I will confirm via e-mail.

Roy 76161.2377@compuserve.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: sully@cetbbs.com (Sully)
Subject: fs:1965 ham book
Message-ID: <8210522846908@bbs.cetbbs.com>

Hello All, I came into a copy of the 1965 Skillfact Library #612 "The Fun of Ham Radio" published by Editors and Engineers, ltd
Nice slightly larger than normal paperback size look at mid 60's ham radio. 40 plus photos of rigs. Its in primo shape, only slight problem there was a price tag on the cover that somebody pulled off. Left a white square hole in the corner. Interested, \$3.50 postpaid.

Mike "Sully" Sullivan - - N0QFV - - sully@cetbbs.com
Olympic Memrobilia Collector - - Stamp Collector
- - RVN 1-71 to 12-71 1st Air Cav - -

___ Blue Wave/QWK v2.20 [NR]

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: jproc@worldlinx.com
Subject: FW: BA sighting: REVENGE OF THE ZOMBIES
Message-ID: <Chameleon.4.01.2.960107231315.jproc@>

Last night, while watching a rerun of "The Summer of '42", I noticed that in the key scene of the movie, the phonograph was switched on and music was heard in 5 seconds or less. This is not the first time I've noticed this when a movie BA is powered on. I guess those Hollywood producers do not realize that tube gear needs at least 30 seconds to come alive. It ruins the authenticity when one sees old BA gear come alive in seconds of being switched on.

Regards,

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: hagelin@magi.com (Richard Brisson)
Subject: FYB: Posts on BA Related Items
Message-ID: <199601080156.UAA02734@infoweb.magi.com>

FYB. The first from rec.collecting while the second from
rec.antiques.marketplace.

>

>In rec.collecting, Bmoore 2nd (bmoore2nd@aol.com) writes:

>> In cleaning out my garage over the holidays, I have the following for
>> disposal, I am open to offers.

>>

>>

>> 1. 16x9x19 inch metal rack nice condition \$20

>> 2. Westinghouse model h361 (large am/fm tube affair) needs knobs and Tlc
>> \$20

>> 3. Duo Rectron B Eliminator (RCA) nice condition \$75 with 216 and 274
>> globe tubes.

>> 4. Several Military headphones from ww2 period very nice condition \$8

>> each.
>> 5. Precision #120 multimeter, works but a couple of the resistance ranges
>> blown \$7
>> 6. RCA coin operated radio from 1946, very high quality and good
>> condition, metal and chrome \$45
>> 7. Box full of mike and table stands from old ham shack \$35
>> 8. Home radiation detection kit from 50s, Made by bendix and comes with
>> dosimeter, charger, ratemeter in original box. \$25
>> 9. Lots of Sams transistor series books, \$ 5 each
>> 10. RCA aircraft receiver AVR-101 \$20
>> 11. Single drawer sams photofact filing cabinet nice shape \$15
>> 12. Box full of new and used transmitting and other tubes such as 813,
>> 832, 3b25 and others. total around 30 tubes 35 dollars takes all
>>
>>
>> Always looking for Pilot radios and advertising respond to
>> Bill_moore@mevatec.com or call 205-880-1207 thanks
>

> In rec.antiques.marketplace, SLCMARKN (slcmarkn@aol.com) writes:
>> ATTN: SERIOUS COLLECTORS
>>
>> A collection of original teletypes from Okinawa in August 1945.
>> They include AP announcements of the end of the war with the Japanese and
>> top secret negotiations between MacArthur's staff and the Empire of Japan.
>> Also included is the original teletype from the War Dept officially
>> notifying Mac-
>> Arthur that the Japanese are ready to cease hostilities.
>>
>> If interested, reply to SLCMARKN@aol.com and I will E-Mail a more detailed
>> list of the documents.

Collector of crypto gear (or almost anything with rotors)
HAGELIN GRETAG HEBERN
KLEINSCHMIDT ENIGMA KRYHA Richard Brisson
GEHEIMSCHRIBER M209 A,B,C,D hagelin@magi.com
TYPEX, CRYPTO AG, TELETYPE Corp bk082@freenet.carleton.ca

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: Gonset G-76
Message-ID: <960107172523_72227.1640_EHM103-1@CompuServe.COM>

Anyone know where I can get a manual for the Gonset G-76?
Anyone know anything about this radio?

73 DE Dave Stinson AB5S/7
72227.1640@compuserve.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: Hallicrafters S-120
Message-ID: <960107172529_72227.1640_EHM103-3@CompuServe.COM>

I picked-up a clean S-120 at the Vegas swap yesterday
for trading material. Didn't the S-120 have a back-board that
screwed down on the back? How was the loopstick mounted?
Anyone got a junker I can use for these parts? It plays fine otherwise.

I used this rig as a novice. 40 meters is about 1/2 inch wide
and I could hear the whole novice band at once....
.. and I never had so much fun in my life.
.... until I met girls.
But then, old radios sure do cost less!! Hurrah!

73 DE Dave Stinson AB5S/7
72227.1640@compuserve.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Andy Wallace <wallace@mc.com>
Subject: Heath AT-1 tuneup instructions needed / tips
Message-ID: <9601080245.AA09960@kali>

Something else on the bench from last fall's flea
scrounging is a modded Heath AT-1. I finally opened it up
today and it appears the wiring and few mods were neatly done
and I won't have to grab the sidecutters to get it
running, methinks.

One mod is a trimmer variable (50 pF?) off the final tuning cap,
to ground. Any ideas? The screwdriver adjust through the front panel
is set to min capacitance.

The person also added an extra octal socket to the back panel but
only got around to wiring the ground. I _believe_ it has a replacement

meter switch as it has a center position between the grid and plate positions, probably to save the meter when you're banging away at the straight key. There are also two empty holes in the front panel where I'll probably install neon lights for AC and PLATE indicators, as long as the holes are there.

I'd appreciate current recommendations for when I do check things out and get it on the air.

The knobs on my AT-1 are different than the one in last year's CQ calendar, and also the ones in Electric Radio articles in issues 46 (The AT-1, Heath gets on the Air, Chuck Penson, WA7ZZE) and 50 (Rebuilding the Heath AT-1, Dave Ishmael, WA6VVL). Mine does have the large Collins Daka-ware knobs for the caps, but the two smaller ones are round with a flatted grip, like a squashed Drake-style or R-390A. The meter is also different but in the same style case.

Anyway, it's in okay shape but it's not a museum piece. The best kind of BA!

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: MIKE SANDERS <ks0f@basic.net>
Subject: HRO coils again/still
Message-ID: <199601080327.VAA04964@basic.net>

Greetings All,

I'm still looking for some HRO 50 coils. A,C and F. Any leads would be appreciated. Hey! How bout another HRO with coils etc.....I could be interested in a 50 or 60 with coils to purchase. 73 de KS0F
ks0f@basic.net ZUT

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: mshaum@cencom.net
Subject: Info on a military key desired
Message-ID: <M.010796.202416.36@bloomington_19.cencom.net>

While back in the old-home area prior to the new year, I borrowed a straight key from Mark, KA9FBX to use during SKN. (I gave up trying to locate my J-38, McElroy or Ameco keys in time!) Just wondering if anybody could help ID this

key, as I haven't seen one quite like it (and it has a pretty decent 'feel' to it).

Black wrinkle finish, "U-shaped" armature, all portions from the contacts backwards enclosed a la "flameproof" design. Nomenclature is CTE-26003A. My guess is that this key was a military design, perhaps a type supplied for use with the T368 series exciters? Excellent construction, looks like all hardware is stainless. Any ideas?

Also, still looking for an all-6L6 sked one of these days. My 5x6L6 rig has not had the pleasure of chatting with any rig using the same bottles in the final and/or modulator.. I can go cw if desired, but then its only a 3-6L6 rig <grin>. Hope the new year turns up lotsa new toys for all you BAddicts!

73! - Mark

Mark Shaum, NE9G
mshaum@ns.cencom.net

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: Sandy Blaize <70401.134@compuserve.com>
Subject: Re: Interesting Talk by Professional CW Operator
Message-ID: <960106230110_70401.134_IHD42-1@CompuServe.COM>

WLO is owned by Jimmy Desuche (I may spell his last name wrong!) They are in Mobile

Alabams, not New Orleans or Slidell. His station started out on the 2 mhz "AM" radiotelephone band and expanded into everything else. He was first in the USA with SITOR telex. Everyone thought it was foolish and wouldn't last. He expanded into

HF radiotelephone and VHF radiotelephone and CW operations.

He sort of built or modified surplus stuff for his first station. I don't know how well along he is into the GMDSS scheme of things as I have been out of touch with the maritime industry for the last couple of years.

Tropical Radio and Telegraph used to own WNU in Slidell and WOE or WAX in Florida

(It's been too long and I don't correctly remember.) WNU eventually took over some of the

CW frequencies used by KLC in Galveston when they went QRT. WPA in Port Arthur and WPD in Tampa had been gone by this time. I think WCC was one of the oldest stations in the US. Another outfit that used to have relay stations all over

the world was Portishead Radio in the U.K. Would you believe for years, all the GPO British ships had 100 watt CW transmitters!!! The Marconi "Oceanspan" was the popular one. It had three 807 tubes in the final stage. The "Oceanspan" had a number of permutations that went from the mark I version to the Mark VII-E version. The later ones had radiotelephone capabilities. Most all the Lykes Lines 1950's, 1960's vintage ships (all scrapped now) originally had 250 watt output MF and HF transmitters. (Mackay 2012 and 2017) Other US flag ships of the era used RCA (more properly RMCA) consoles. In both 'brands' the 813 was the tube of choice, two being usually used in the final. Output being either 250 or 500 watts depending on the power supply and modulator originally supplied with the transmitters. The MF rigs (400-500 khz.) were CW or MCW. A few outfits other than RCA or Mackay tried to build CW stations for US flag ships, but the number supplied was very low. Names that come to mind are Raytheon, Collins, Scientific Radio. Collins was NEVER really into shipboard stuff, their "forte" was always aircraft equipment. Several "wanna-bes" came and went, mostly supplying someone else's gear with their name on it. Collins had an HF kilowatt station that was the AN/ARC-58 aircraft set packaged for ship use. It was never REALLY successful. They built an automated station later that only a few were built. RCA and Mackay dominated the marine field hands down. Only Mackay remains today, and only a shadow of what it once was. I would guess they will be gone by the time the year 2000 rolls around. (I hope at least until the year 2002 when I can start drawing my retirement!! Although I don't have a lot of hope!)

What used to be a thriving business in New Orleans not too long ago with Lykes Lines, Waterman Steamship, Central Gulf Steamship, Delta Lines and others has withered away to next to nothing. When I went to work for Mackay in the early 70's Lykes had about 40 US flag ships. Today they have 5, and those may disappear this year! Delta Lines is no more. Waterman is almost no more. Central Gulf has almost ceased to exist.

An era is almost at its end.

73,
Sandy W5TVW

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: jmiller@teleteam.com (Jay H. Miller)
Subject: Invader 2000 to Linear
Message-ID: <v01510100ad14ad74c2da@[205.198.110.8]>

A while back I posted a message regarding my good fortune in receiving a Johnson Invader 2000 (gratis) from a local ham. After a bit of discussion I am coming to the conclusion that the rig may be too far gone for a restoration project-- at least more than I want to spend with it being a Collins man first and foremost.

The power amplifier has been fitted with a pair of 4-400s which appear to be in excellent condition and all the high-power components are in good shape. After kicking a few ideas around I wonder what kind of an AM linear the components could be transformed into.....

The drive from my Valiant might be a bit too much (three 6146s in parallel) but with the audio mods in place a bit more power would be nice. I can sit here and imagine building up a neat looking amp in a rack with a window to peer into the massive firebottles as they churn out the watts... arf arf arf... shades of Tim the Tool Man!

Any comments?

P.S. No I ain't interested in selling it-- just making it useful for me.

***** ##### *****
Jay H. Miller, KK5IM Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
jmiller@teleteam.com
***** ##### *****

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: MIKE SANDERS <ks0f@basic.net>
Subject: Re: More on commercial marine CW
Message-ID: <199601062222.QAA15360@basic.net>

At 02:30 PM 1/6/96 -0600, you wrote:
> He opined that the former Coast Guard operators are of better
> quality than the former Navy ones.

I entered Radioman School at Groton, Ct in the fall of 1963 after finishing 3 months of boot at the Coast Guard training station in Cape May, NJ. The school was full time, 5 days a week and nothing but radio. It lasted a full 6 months. CW, typing, CW, electronics, CW, procedure drill, CW, etc. Being 18 and a Ham for 5 years with typing in high school helped make it a great experience. Other than the afternoon in procedure drill when all receivers were turned to a local announcement that President John Kennedy had been shot and killed in Dallas, TX..... Coast Guard radioman training was intensive and no joke. Minimum code speed for graduation as a 3 stripe Seaman E3 was 22 wpm. If you could pass 26 you received your first chevron as Petty Officer Third Class E4. Orders came in for assignment to all graduating classes. The top man grade wise got first choice of orders, the second man second choice and so on down the line. The incentive to do well was very strong. They weren't Marines, but they were a few damn good men.....73 de KS0F

ZUT

P.S. On joint circuits, I never heard a Navy op that was not among the finest anywhere. We Hooligans were of course better, but that's another barroom brawl.

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: don merz <71333.144@compuserve.com>
Subject: Mostly Military FS
Message-ID: <960107145047_71333.144_DHB53-7@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

This ad just went in to Electric Radio in case anyone wants any of this stuff:

WWII German "EK" military receiver, spare tubes: \$300;
Gibson Girl 1944 emergency TX w/canvas bag, excellent: \$115;
TS-148/UP spectrum display, untested: \$39; SCR-274N FT-220A
3-receiver command set rack (black), no shock, good: \$90; #19
Mark II spare valve chest, missing 1 tube, nice: \$49; Western
Electric BC-AR-429 pre-command -set aircraft TX, w/C-376
coil, good: \$69; Wireless Set #19 Mark II tank radios (2),
untested: \$70 each; WWII Navy DAG HF direction finder,
looks and works great: \$215; BC-683A FM tank RX, looks
great, electrical mods but no holes, working: \$40; Boonton
military TS-155C/UP UHF signal generator, brand new in
original steel carry case, 1948, no accessories: \$49. Don Merz,

N3RHT, 47 Hazel Drive, Pittsburgh, PA 15228. 412-234-8819.

One note: I am way behind on shipping so you would have to expect 3 weeks delay or so. If that's a problem, please don't buy any of this stuff.

--

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: Sheldon Wheaton <swheaton@sky.net>
Subject: Re: Navy EL-2 & other TBX supplies
Message-ID: <Pine.SOL.3.91.960106181019.28509B-100000@solar.sky.net>

On Fri, 5 Jan 1996, Integration Area (William Donzelli) wrote:

> Does anyone have any information on the Navy EL-2 Rectifier Power Unit? Was
> this an AC supply for a ground set, like a TBX?

TBX power supplies:

Standard issue: hand driven generator (type -21263)

Auxillary power supplies for the TX:

EF gas engine driven generator (1/2 hp, 2100 rpm)

EG AC motor generator (115vac/1p/60Hz/2.5amps!)

EH DC motor generator (115vdc/1.65amps)

EJ dynamotor (11.5 vdc/7amps)

Aux. power supplies for the Rcvr:

EL rectifier p/s (115vac/1p/60Hz) type -20124

EM dynamotor p/s (6vdc/4amps)

EN dynamotor p/s (12vdc/2amps)

E0 dynamotor p/s (24vdc/1amp)

EP dynamotor p/s (32vdc/.75amp)

EQ dynamotor p/s (110vdc/.22amp)

or you can use dry battery power with Accessory Box (type -10026)

In response to William Donzelli's inquiry, the type EL supply is a basic transformer with HV winding feeding a 5U4 with resistor divider network to supply output voltages of 135, 90, -6, & -15 volts, and a Low Voltage winding feeding a Selenium full wave bridge for the 3 volt filament output.

Email me for further info, such as schematics, etc.

I have a TBX, but no power supplies at all. I would like to find at least

one of the above power supplies. Can anyone help?

73, Sheldon KC0CW

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: Navy EL-2 & other TBX supplies
Message-ID: <80747.ddillman@igc.apc.org>

On Sat, 6 Jan 1996 20:55:48 -0600 (CST),
Sheldon Wheaton <swheaton@sky.net> wrote:

>TBX power supplies:

>Standard issue: hand driven generator (type -21263)

I had the great "pleasure" of operating several TBX-8s during the 50s when I belonged to an Air Scout squadron on Long Island that was devoted to amateur radio.

The trick with the hand driven generator was to get someone unfamiliar with the set to give the cranks a few turns and point out how easy they were to move. Then you talked him into assuming the position and start cranking for real. *Then* you pushed the push-to-talk button... heh-heh.

My memory is that the receiver IF was somewhere around 1520Kc/s. The reason I remember is that we had a 250W AM station on that frequency in the neighborhood - with predictable results.

I also remember that the TBX-8 had an outboard crystal calibrator with internal sockets for several FT-243 crystals and a selector switch for each. It was powerful enough by itself that one of my friends used it as a bicycle mobile on CW.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: BRIDGERS@gonzo.ccl.org
Subject: Need 1625s, 1626s and VR-105s for Command Set

Message-ID: <960106185329.222016da@gonzo.ccl.org>

And a very Happy New Year to everyone...

My 2 latest command set purchases were sans tubes, but are otherwise in good shape. Does anyone have the following they would be willing to sell to me at a good price: 4 ea 1625; 2 ea 1626; and 4 ea VR-105.

I could kick myself as I had boxes of these tubes in the '50s and like a nut (at least that's how I feel now) I gave them away about 15 years ago.

Oh well ... live and learn. Thanks in advance.

Tom KE4RHH Bridgers@Leaders.CCL.org

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996

From: JimP911@aol.com

Subject: Need Viking II Audio Mods

Message-ID: <960106194150_85029261@mail04.mail.aol.com>

Can anyone suggest some mods that will improve the restricted audio in a Viking II?

Thanks & 73

Jim KC1SJ

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996

From: TOM.A.ADAMS@mail.admin.wisc.edu

Subject: New E-MAIL Address

Message-ID: <G16N1239.G16N1250@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Troops,

It is now time for me to say goodbye to the antiquated, but faithful, Wang-net E-MAIL connection that I've been using to take BOATANCHORS all this time.

For those of you who need to keep in contact with me, my new address is

103360.2133@compuserve.com

For the time being, I'll be taking BOATANCHORS in digest form at that address, as well as personal messages.

I'm gonna miss the essentially real-time friends that have kept me company here during the night shifts at Wisconsin Public Broadcasting, but I hope to set that connection back up in the near future.

For now, 73 and ZUT!

Tom "Mr. T." Adams, K9TA / WPE9GSX
AMI #811

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: "Randy Zelick" <RANDY@sbii.sb2.pdx.edu>
Subject: Re: noise silencers
Message-ID: <1B5B4FF7666@sbii.sb2.pdx.edu>

Now if you want a real noise blanker...

The very best noise blanker I've ever encountered was made by RCA to be used with their carfone series of mobile radios. These were the first all solid state receiver (hybrid tube/ss xmtrs) units used in taxis, police cars, etc. The 25-50 MHz ("low band" in commercial 2-way circles) units were plagued with ignition noise something fierce, and so RCA developed a design which consisted of a tuned multi-stage front end at 20-50 MHz, a detector, blanker circuit and complete 455 kHz I.F. chain to receive the blanking pulses. This was adapted as either a built-in option fitting to the receiver, or as an outboard unit in its own box.

I know at least one ham who did the following very clever mod - he pulled the I.F. out of his 75A4 ahead of the mechanical filters, ran it into the RCA box and through its blanked I.F. strip, then back into the 75A4. A short piece of wire on the RCA 20-50 MHz front end detected the same radiated noise as the 75A4 ('cuz the grunge is typically broad band), in this case power line pulses, and blanked it perfectly. The difference was dramatic.

The RCA unit even had a circuit to disable itself if the blanking pulses were so frequent that the I.F. would be shut down too much.

More recent low-band 2-way radios, up to the most recent synthesized ones, have adapted versions of this same circuit (although GE blanks at a high-I.F. frequency) but only RCA built an outboard unit adaptable to different receivers.

I'd love to find one of these, but I'll bet they have all been living in landfills for the past 15 years or so.

I may even have a schematic somewhere for one, but the parts count is too high to roll your own, unless you are a real fanatic.

Although blanking ahead of the main selectivity is most desirable, I suppose the latest generation of DSP processors is really the way to go. I just noticed that

the latest timewave (I think it was their ad) now has an AM bandwidth (yea! at last!), although it is only 5.4 kHz or sumptin like that. Add a few more kHz to that and I'll bend over for one guys.

Cheers,

=Randy=
Randy Zelick
Dept. Biology
Portland State University
P.O. Box 751
Portland, OR 97207
503-725-3086 (voice), 503-725-3864 (fax)

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: n5off@w5ddl.aara.org
Subject: R-388/51J3
Message-ID: <269138@w5ddl.aara.org>

I have heard that the second tag on the 388 reads something like:

"WARNING Read Instruction Manual Before Operating"

The 390A is much more complicated, as is the 390, than the R-388.

The 388 is a better bandcruiser as it doesn't have a clickity-click odometer for tuning, it is smooth. The tuning rates are the same.

Audio output of the 388 is much higher.

The 390A is much more common and thus sets and parts are readily available. 388's cost more per pound.

I have one of each and wouldn't part with either.

I think you should get both :-). If you wait long enough you will come across a working 390A at a hamfest or garage sale for a song.

Buy your 388 first, and then get the 390A cheap when opportunity knocks.

73 de tom

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Rick Blank <rblank@legend.txdirect.net>
Subject: Re: R-388/51J3
Message-ID: <199601071711.LAA03195@legend.txdirect.net>

At 08:21 AM 1/7/96 -0600, you wrote:

>I have heard that the second tag on the 388 reads something like:

>

>"WARNING Read Instruction Manual Before Operating"

>

>The 390A is much more complicated, as is the 390, than the R-388.

>

>The 388 is a better bandcruiser as it doesn't have a clickity-click

>odometer for tuning, it is smooth. The tuning rates are the same.

>

>Audio output of the 388 is much higher.

>

>The 390A is much more common and thus sets and parts are readily available.

>388's cost more per pound.

>

>I have one of each and wouldn't part with either.

>

>I think you should get both :-). If you wait long enough you will

>come across a working 390A at a hamfest or garage sale for a song.

>

>Buy your 388 first, and then get the 390A cheap when opportunity knocks.

>

>73 de tom

>

I'll concur on the tags...

I have an R-390, an R-390A, a 75S-3A, and a 51J-4 in a rack here in the shack. The 51J-4 has been modified in one way, I used a Jackson Brothers Ball Drive mounted on a round plate that is about 1/8" thick supported off the front panel of the radio by a couple of 1/4" standoffs. I use the screw holes that Collins put in the front of the panel for a shaft support bearing block to hold this in place....BTW, there was a shaft extension that threaded into the PTO shaft on my radio that I removed to make the drive, etc., fit closer to the panel. I then took a knob set from an old Siltronic CB VFO that I got a guy at a hamfest to give to me (I only wanted the back metal knob, kinda like the Swans metal knob but larger) and the original J-4 tuning knob and assembled these on the ball drive....I did have to take a spare main knob and turn down the edge about 1/8 to 1/4" to give a nicely stepped appearance to the setup...this is now the smoothest tuning receiver I have!

I had been using a 4 to 1 75A-4 drive and knob for a couple of years on this radio and just wanted to try something different. The ball drive is about a 6 to 1 reduction and makes tuning in SSB or CW a breeze, even compared to the Collins parts! In fact, I think I'll keep my eyes open for more of these large back knobs for these Sillytronic VFO's to replace the 4-1 units on my 75A-4's and KWS-1. These drives are (heresy, I know!! too bad!) IMHO, smoother and better than the Collins parts! The 3 Collins assemblies I have

are a bit "wigglier" than these guys are...there is no slop or flop on the J-4 and the "feel" is much, much better. Best of all, the process is entirely reversible with no ill effects!

As Tom said, I prefer the J-4 for cruising the bands and it's filter widths are just about right for SWL'ing and AM useage...the R-390/URR has a bit better fidelity, though, and it is one of the best sounding rcvrs I have for SWL'ing. The 390A, though, does have beter ultimate rejection in the 4kc position, which is the one I use the most on both 390's, and the J-4's 3kc position is real "tight" but good when the going gets tough.

I do have an R-388 out in the garage with a dead PTO in it and I think it's a bit more sensitive than the J-4, just because of the loss in the mechanical filters of the J-4....the 388 is a great receiver in it's own right and with it's crystal filter you can get rid of a lot of interference, so, if you have a choice, it's a tough one to make!

Rick Blank, KI5SL rblank@txdirect.net
2223 Blanco Road KI5SL@K3WGF.STX.USA.NOAM
San Antonio, Texas 78212 AMSAT NA#26195

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: BRIDGERS@gonzo.ccl.org
Subject: R-390 meters -- radioactive labelling
Message-ID: <960106190857.222016da@gonzo.ccl.org>

One short note: The reconditioned (like new) R-390 that I recently purchased from Fair came with meters, covers, spare tubes ... the works. And it must have sensitivity in the tenths of a microvolt -- cause it out performs everything I have.

BUT ... the meters were labelled as follows:

```
  \ /      Radioactive Material
   |      Controlled Disposal REquired

           1 micro Curie      Ra226
           or less
```

So ... from all that has been posted here, plus the above, as long as the meters are intact, everything is okay. Isn't that about where we are on this subject?

Regards,
Tom KE4RHH Bridgers@Leaders.CCL.org

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: BHall88620@aol.com
Subject: Re: R-390 meters -- radioactive labelling
Message-ID: <960107122211_34323040@mail02.mail.aol.com>

>One short note: The reconditioned (like new) R-390 that I recently
>purchased from Fair came with meters, covers, spare tubes ... the works.
And
>it must have sensitivity in the tenths of a microvolt -- cause it out
performs
>everything I have.
> BUT ... the meters were labelled as follows:
> \/
> | Radioactive Material
> | Controlled Disposal REquired
> | 1 micro Curie Ra226
> | or less
> So ... from all that has been posted here, plus the above, as long
>as the meters are intact, everything is okay. Isn't that about where we are
>on this subject?

Hi Tom...

As a summer job last summer, I worked for a company that manufactured sensors for naval nuclear applications. It was my job to determine what these sensors were made from and if or not they were hazardous to the demilitarization workers or to the environment. Per the RCRA (Resource Conservation and Recovery Act) and other federal regulations, anything radioactive had to be disposed of in specially designed landfills. That is what "controlled disposal" is. When you chuck it, it has to go in one of those landfills. (BTW, the laws DO NOT specify a lower limit, anything radioactive at all must be disposed of as such, which is interesting because bricks often contain minute traces of radioactive elements and according to strict interpretation of the law, could not be just thrown in a normal landfill!) The consensus here seemed to be that as long as the meter was intact, that there wasn't a problem. 1 microcurie of radium just isn't that much, and I think it would only be a problem if you breathed it.

BTW, how much is Fair selling these reconditioned R390's for? And what does reconditioned mean? Recapped? Refinished?

Thanks and 73,
Ben

BHall88620@aol.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996

From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
Subject: Radiotron Designer's Handbook WTD
Message-ID: <Pine.3.89.9601071739.A10401-01000000@mesa5.mesa.colorado.edu>

Does anyone have a Radiotron Designer's Handbook for sale?

Please state edition, condition, and price.

Jim Rybak W0KSD

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: RS-42 Aircraft Set?
Message-ID: <960107172532_72227.1640_EHM103-4@CompuServe.COM>

I have two accessorie sets labeled for the "RS-42" set.
Does anyone know which set this is? Has several parts
in it for an aircraft antenna installation.

Thanks,
Dave Stinson AB5S/7
72227.1640@compuserve.com

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: Richard Thorpe <rthorpe@westworld.com>
Subject: S-38 SX-117 etc...
Message-ID: <30EECF9A.38DE@westworld.com>

Happy New Year,

Thank you to everyone on the reflctor who responded to my
Hallicrafters S-38 questions, green stamps are in the mail. I am
also looking for the manual for a Hammarlund HQ-170, the model with
no hinged lid, and without the clock timer. I am also looking for any
info on the Westmore Tube Analyzer mod# 501, and lastly a piece of
"gulp" solid state equipment a General Radio 1003 Signal Generator.
Thanks to all.

Richard Thorpe

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: markem@primenet.com (Mark Monninger)
Subject: SSB; Was: DRAKE RECEIVER WANTED
Message-ID: <199601070238.TAA19998@usr1.primenet.com>

At 12:37 PM 1/6/96 -0600, michael.moore@24stex.com wrote:

>

> I am posting this message for my friend who is among the FATHERS OF SSB back
> in the early 50's when B&W and others were coming out with ssb for hams. ...

This reminds of a swap meet a couple years ago when I came upon a B&W 5100.
Got a real chuckle out of one of the controls. It had two positions: "SSB"
and "Normal".

73... Mark AA7TA

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Mark60195@aol.com
Subject: Suggestions for xtal freqs?
Message-ID: <960107221931_109508972@mail06.mail.aol.com>

I just received a couple of xtals from CW Crystals I ordered for 40m CW.
At \$4.50 each I'm thinking of ordering a few more. I've been looking through
all my old (and new) handbooks and can't find a list of the semi-official
QRP and AM calling frequencies. Anyone have a list or source
(80-6 meters)?

Mark Lakowski
WB9PPL

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: jproc@worldlinx.com
Subject: RE: Suggestions for xtal freqs?
Message-ID: <Chameleon.4.01.2.960107231907.jproc@>

>can't find a list of the semi-official
>QRP and AM calling frequencies. Anyone have a list or source

Mark,

3885, 7290, 14,286, 21390 and 29,000 to 29,200 khz are the ones that I have
listed as being 'official'.

Also 3880 and 7195 khz have been on some lists that I have seen.

Regards,

~~~~~  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
~~~~~

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: mshaum@cencom.net
Subject: SX-42 front end issues
Message-ID: <M.010796.202421.96@bloomington_19.cencom.net>

A recently received SX-42 has been my mainstay receiver here since my minimal unpacking to get on the air from this temporary qth. I'm really impressed with this set, it seems to run rings around my SX62 and has hamband bandspread and better if filtering options to boot!

This is the first receiver design I've seen that had the S-meter monitoring changes in plate current in the first (of two) RF amp stages. Quite lively, at least until I dumped excessive RF into the input, heard a slight sizzle and quickly removed one clip lead to my loop that I had forgotten to disconnect before firing up the 6L6 rig. I don't seem to have caused major damage, but now something is loading the AGC down in the front end. As the AGC goes through a 5.7 meg resistor to the first two RF stages, the AGC still functions in the IF's, but the meter is a tad scotch, to say the least. I get about 1 volt (positive) voltage feeding the grids of the two RF stages.

Trying to get through a smeared schematic (another oops, it was clean when I first received it!) is a pain.. if someone could possibly verify the following, I could have better luck troubleshooting. It appears that only one of the RF stages is used on the three lower bands, with the second cut in for the three high bands. Works well overall, the sensitivity from 50-108 Mhz is much more than I expected. Which bands use the second RF stage only vs. both in cascade? The first RF remains on those bands mainly to provide the S-meter swing, it doesn't seem to do any RF work.

It appears that while the first RF stage is switched in or out, all sets of tuned circuits are used on the two lower bands. The AGC voltage is fed through quite a maze of bandswitch wafers, through various transformer windings, etc. I was thinking about isolating the RF amp grids and shunt-feeding the AGC (my usual quick fix when something like an IF can develops leakage and I don't have a spare), but I'm not sure if I'm up to removing all the 'stuff' necessary to get to the tube sockets cleanly to put in a blocking cap and RFC. I did that once on the SX-62, and would rather avoid the chore of removing wiring from

switch wafers if possible. Shunt feed might mess up alignment and gain on the VHF bands too.

Any ideas as to what is most likely to load down the AGC circuit in the front end? Next weekend I'll attempt to clip out the AGC filter caps if I can locate them, and if that doesn't fix things, I'll assume one of the assorted series-parallel-everywhichway front end transformers has arced and has a leakage path. With the series-connected primaries of some of the antenna coils, it's not easy to isolate them.

Thanks! - Mark, NE9G

Mark Shaum, NE9G
mshaum@ns.cencom.net

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: pmills@cyberhouse.com (Phil Mills)
Subject: Re: TBK? Help
Message-ID: <199601062347.RAA05733@ns.cyberhouse.com>

My son, even though an inexperienced youth, ye have sinned greivously against the great god BA. You must do many acts of kindness and generosity among BA's followers if ye are once again to abide in the light of his favor.

>A number of years ago I helped my dad scrap a shipboard
>transmitter. It was about the size of a large refrigerator
>and covered 2 - 18.1 MC. I believe that it was a TBK or
>perhaps a TBY (I think the manufacturer was either
>Westinghouse or GE).

>Al Evangelista (KB8WYN)

Phil Mills, AB5TH
pmills@cyberhouse.com
713-482-2763

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996

From: amman@airmail.net (Robert)
Subject: Tempo-one
Message-ID: <199601070213.UAA02359@server.iadfw.net>

Does anyone know of any mods available for the Tempo-one? If so please let me know. amman@airmail.net

Thanks,
Robert KC5RYI

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: don merz <71333.144@compuserve.com>
Subject: Thank you
Message-ID: <960107144715_71333.144_DHB53-6@CompuServe.COM>

My heartfelt thank you to all who expr sympathy and condolences for the recent passing of my Dad. Thanks for understanding.

73,
Don Merz

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From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: dma@IslandNet.com (Jan Skirrow)
Subject: Re: Tubes Needed
Message-ID: <m0tYiZG-0005X8C@island.amtsgi.bc.ca>

Fair Radio has an "antiques" list. The latest I have is Dec 95. It lists the UV200, CX200A & B. They also list the UV201 & 201A. They have C201A - both long and short pin. They have UX199. Some are NIB, some used and the prices vary from abt \$15 to \$30. They only have 1 or 2 of some of these; lots of some of the others. Phone #419-223-2196.

These tubes are also all available from Antique Electronic Supply (602-820-5411) Prices are higher than Fair, but they may have a better stock. Note that the WD11 lists at \$92 a pop!. They also list X199, X200A and X201A.

I also have some of these NIB - awaiting that perfect project, or the day the price goes through the ionosphere!

Hope this helps

Jan Skirrow, VE7DJX

>I want to buy a couple of '00A (UX200A) tubes and a couple of '01A
>(UX201A) tubes along, perhaps, some UX199A and WD11 tubes. I will
>consider unused or good, used tubes depending on the price and
>availability.
>
>Does anyone have any suggestions concerning sources for these tubes?
>
>Jim Rybak W0KSD
dma@islandnet.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: David Stinson <72227.1640@compuserve.com>
Subject: Vibrator Replacement.
Message-ID: <960107172535_72227.1640_EHM103-5@CompuServe.COM>

Howdy folks.

I'm working on the RCA AVT-112, AVR-20 and AVA-112 light aircraft radio set. I've got the receiver and transmitter both reconditioned and they work great. The vibrator in the power supply is missing and there's just no way of finding the little bugger anywhere. So, I need your opinion on a replacement.

I don't want to cut-up this old supply for use on 110vac or hay-wire an AC feed to the primary from an external source. I was planning on building a free-funning flip-flop, driving two IRF-511 vMOS devices to switch power back and forth through the primary windings. I have two concerns:

1. What is the switching frequency of a vibrator??
2. How critical is the "on-time" duty cycle in the transformer primary? That is, how much time did the reed contact spend delivering current through each of it's "cycles?"
The current surges out of an IRF-511 vMOS wired as a DC switch are going to be alot smoother and cleaner then the stuff out of a vibrators reed contacts. While this sounds better, it actually means a longer "on-time" current surge through the primary, since they don't "bounce."
Does anyone know if this is a problem I should address?

Of course, if someone has the 6 or 12 volt vibrators for old vet, just tell me which part to kiss to get it...heh heh

73 DE Dave Stinson AB5S/7

72227.1640@compuserve.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Vibrator Replacement.
Message-ID: <199601072346.RAA07796@zoom.bga.com>

Most of these old airplane radios used automotive type vibrators.
Antique Electronic Supply has several types in solid state replacement.

Generally, the operating frequency was around 110 Hz, and if you keep the frequency up, you'll have no problem with a 50/50 split near 100% duty cycle. Just remember that the transformer primary is half wave. I'd suggest replacing the buffer capacitor (the 1600 volt job across the transformer secondary) with a new one. This damps the switching transients in the primary.

These units were designed with "rule of thumb" engineering that did not consider things like contact bounce. So if you put a clean switch in the circuit, it should make no difference.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sun Jan 7 09:52:33 1996
From: rbiddle@MadVax.mo.ti.com (Richard Biddle)
Subject: Weston Model 978 tube tester
Message-ID: <9601070527.AA08636@MadVax.mo.ti.com>

Greetings keepers of the flame. I just acquired a Weston Model 978 tube tester. After a good scrubbing and a liberal application of DEOXIT, it appears to have come alive. I am looking for a manual for the beast which include cal instructions. Also, if some kind soul would email me the calibration (if it is short, of course) I would appreciate it. Willing to pay the costs of a copy and postage.

Thanks,
Richard, K5BWLH
rbiddle@madvax.mo.ti.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: WTB Heath VFO
Message-ID: <Pine.ULT.3.91.960107122148.12357C-100000@admin.aurora.edu>

I am looking for an old Heath VFO (VF-1?) in working condition
or any similar type unit (E.F. Johnson made one too).

73 de Bob, K9EUI (broehrig@admin.aurora.edu)

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: jamiel@primenet.com (Jerry A. Miel)
Subject: WTB: FT243 xtals, ch. 353 and 282
Message-ID: <199601080112.SAA14634@usr5.primenet.com>

I need military FT-243 crystals to complete my set.

Ch 353	7750 Khz
Ch282	5975 Khz

Jerry, W6XL, jamiel@primenet.com

From boatanchors@theporch.com Sun Jan 7 23:30:56 1996
From: "Ronald F. Brillinger" <nfn04578@gator.naples.net>
Subject: YAESU FRDX400
Message-ID: <Pine.BSD/.3.91.960107171953.26872A-100000@gator.naples.net>

Well there has to be a first time for everything so here is "my" first
time submission to BA.

Recentky revived a FRDX400 Yaesu receiver which, while working, didn't
sound quite right. The audio was "funny"! Gradually I realized that after
a loud spoken word, or noise spike the background noise would go down.
Yes, down not up!

Turned out the resting AVC line voltage was +.5 volt

You guessed it. A gassy IF tube (6BA6) was the culprit. I replaced it
with a new one and the avc voltage now stays negative. My receiver now
sounds "normal"

I suspect other receivers that I have heard in the past that sounded "not
quite normal" may have had the same problem in the avc/agc circuit.

Hope this helps someone.

Regards, Ron Brillinger VE3XH